

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. I24986		Serial No. 10/815, 194				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)															
Applicant Tetsuji SHONO															
Filing Date April 1, 2004															
Group Unknown															
U.S. PATENT DOCUMENTS															
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	2004	/0	0	4	2	0	9	5	03/04/04	NOMURA					
	2004	/0	0	4	2	0	9	3	03/04/04	NOMURA					
	2004	/0	0	6	2	5	3	6	04/01/04	NOMURA					
	2004	/0	0	5	1	9	6	8	03/18/04	NOMURA					
	2004	/0	0	5	1	9	7	0	03/18/04	NOMURA					
	2004	/0	0	6	2	5	3	7	04/01/04	NOMURA					
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	2004	/0	0	4	2	7	7	7	03/04/04	NOMURA					
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	2004	/0	0	5	1	9	6	9	03/18/04	NOMURA					
	2004	/0	0	5	1	9	6	7	03/18/04	NOMURA					
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	2004	/0	0	4	2	0	9	6	03/04/04	NOMURA					
	2004	/0	0	4	2	0	9	0	03/04/04	NOMURA					
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	2004	/0	0	5	1	9	8	1	03/18/04	NOMURA					
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		4	5	2	5	0	5	0	06/25/85	OHASHI					
		4	6	4	3	5	5	5	02/17/87	WAKABAYASHI					
		4	7	2	1	9	7	2	01/26/88	WAKABAYASHI					
		4	7	9	2	8	2	2	12/20/88	AKIYAMA et al.					
		5	8	1	8	6	4	7	10/06/98	NISHIO et al.					
		6	0	3	1	9	9	8	02/29/00	SHONO					
EXAMINER										DATE CONSIDERED				12/21/04	

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		Filing Date April 1, 2004							Group Unknown			
<b>U.S. PATENT DOCUMENTS</b>												
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	4	5	1	1	2	9	05/29/84	IKARI et al.		
		4	6	4	3	5	5	4	02/17/87	OGAWA		
		4	7	7	1	3	0	3	09/13/88	MATSUMOTO et al.		
		4	8	8	7	1	0	7	12/12/89	NAKAMURA et al.		
		5	1	3	6	3	2	4	08/04/92	TSUBOI et al.		
		5	7	6	5	0	4	9	06/09/98	HASE et al.		
		5	8	3	2	3	2	6	11/03/98	TANAKA		
		6	3	6	6	3	2	3	04/02/02	SHONO		
		6	1	1	5	1	9	0	09/05/00	HIRAI		
		6	0	6	4	5	3	3	05/16/00	KENIN et al.		
	2003	/0	0	8	1	3	2	5	05/01/03	NOMURA et al.		
	2001	/0	0	2	4	5	7	3	09/27/01	NOMURA et al.		
	2002	/0	1	3	5	9	0	0	09/26/02	NOMURA et al.		
		6	0	7	5	6	5	5	06/13/00	FUNAHASHI		
	2002	/0	1	3	5	9	0	1	09/26/02	NOMURA et al.		
	2003	/0	0	8	1	3	2	7	05/01/03	NOMURA et al.		
	2002	/0	1	3	5	8	9	6	09/26/03	NOMURA et al.		
		6	0	5	5	1	1	6	04/25/00	NOMURA et al.		
		6	2	0	4	9	7	7	03/20/01	IWASA		
		5	4	3	0	5	1	6	07/04/95	UZIIE et al.		
	2003	/0	0	8	1	9	4	8	05/01/03	NOMURA et al.		
	2001	/0	0	1	9	4	5	8	09/06/01	NOMURA et al.		
		4	9	9	3	8	1	5	02/19/91	YAMAZAKI et al.		
EXAMINER									DATE CONSIDERED	12/21/04		
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		Filing Date April 1, 2004							Group Unknown	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5	7	3	1	9	1	3	03/24/98	IMANARI		
		5	7	3	9	9	6	2	04/14/98	ASAOKA et al.		
	2003	/0	1	5	6	8	3	2	08/21/03	NOMURA et al.		
		5	5	8	7	7	5	4	12/24/96	KATAYAMA et al.		
		6	0	5	2	5	3	5	04/18/00	UNO		
		5	2	2	3	8	7	3	06/29/93	TSUBOI		
		5	0	8	6	3	1	2	02/04/92	TANAKA et al.		
		5	4	9	9	1	4	3	03/12/96	SAKAMOTO et al.		
		6	0	6	9	7	4	5	05/30/00	FUJII et al.		
		6	3	2	4	0	1	9	11/27/01	TAKANASHI et al.		
		5	4	8	5	3	1	5	01/16/96	NOMURA et al.		

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO	
		58	-	1	4	5	9	3	0	08/31/83	JAPAN		
		61	-	-	6	9	0	0	2	04/09/86	JAPAN		
		61	-	2	7	0	7	3	7	12/01/86	JAPAN		
		63	-	1	4	9	6	2	9	06/22/88	JAPAN		
		64	-	3	4	6	2	3	03/02/89	JAPAN		X	
		6	-	1	8	7	7	7	01/28/94	JAPAN		X	
		7	-	1	9	1	2	4	9	07/28/95	JAPAN		
		11	-	1	0	9	2	0	3	04/23/99	JAPAN		
		58	-	1	0	7	0	8	01/21/83	JAPAN			
		2	3	4	4	6	6	1	06/14/00	UNITED KINGDOM			

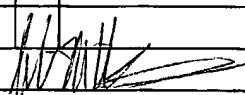
EXAMINER

DATE CONSIDERED

12/21/04

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FOREIGN PATENT DOCUMENTS											
		DOCUMENT NUMBER				DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES      NO
		2	2	6	2	3	5	6	06/16/93	UNITED KINGDOM	
	2003	-	2	0	7	7	0	9	07/25/03	JAPAN	
		2	3	0	9	5	5	1	07/30/97	UNITED KINGDOM	
		2	3	4	4	6	6	2	06/14/00	UNITED KINGDOM	
		2	2	6	1	2	9	8	05/12/93	UNITED KINGDOM	
	2002	-	2	7	7	7	1	9	09/25/02	JAPAN	
	10	-	2	8	2	3	9	4	10/23/98	JAPAN	
	58	-	1	6	2	9	1	4	09/27/83	JAPAN	
		0	6	3	4	6	8	0	01/18/95	E.P.O.	
		10	-	3	2	7	4	0	02/03/98	JAPAN	X
	7	-	2	8	8	7	2	4	10/31/95	JAPAN	X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
		1 English Language Abstract of JP 58-10708.									
		2 English Language Abstract of JP 2003-207709.									
		3 English Language Abstract of JP 2002-277719.									
		4 English Language Abstract of JP 10-282394.									
		5 English Language Abstract of JP 58-162914.									
EXAMINER		<i>[Signature]</i>								DATE CONSIDERED	12/21/04
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<b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> (Use several sheets if necessary)								Applicant Tetsuji SHONO				
								Filing Date April 1, 2004		Group 2612		
<b>U.S. PATENT DOCUMENTS</b>												
EXAMINER INITIAL		DOCUMENT NUMBER					DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	9	3	7	6	0	9	06/26/90	WAKABAYASI et al.		
		4	9	7	4	9	4	9	12/04/90	TANAKA		
		5	0	9	9	2	6	3	03/24/92	MATSUMOTO et al.		
		5	2	1	0	6	4	4	05/11/93	NOMURA		
		5	3	7	6	9	8	3	12/27/94	YAMAZAKI et al.		
		5	6	3	6	0	6	2	06/03/97	OKUYAMA et al.		
		5	8	7	0	2	3	2	02/09/99	TSUJI et al.		
		5	9	1	2	7	7	2	06/15/99	AOKI		
		5	5	4	8	4	4	6	08/20/96	ENOMOTO		
<b>FOREIGN PATENT DOCUMENTS</b>												
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